

FIG. 1

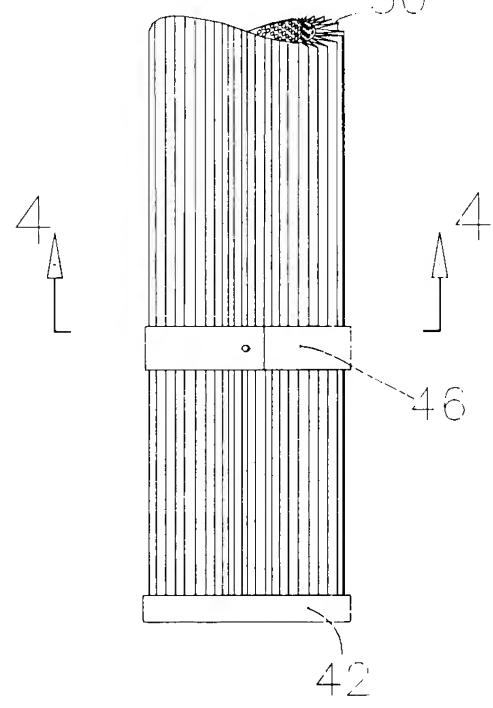
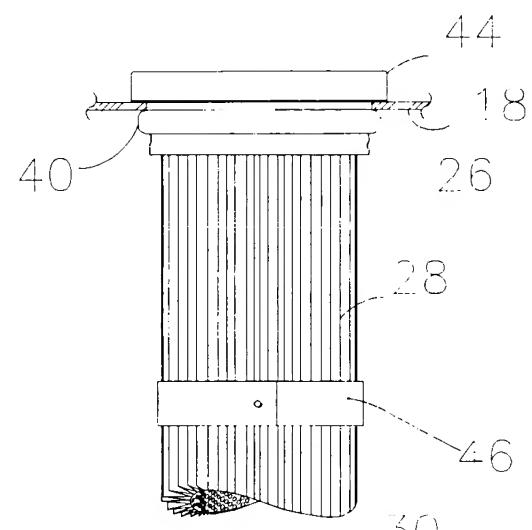
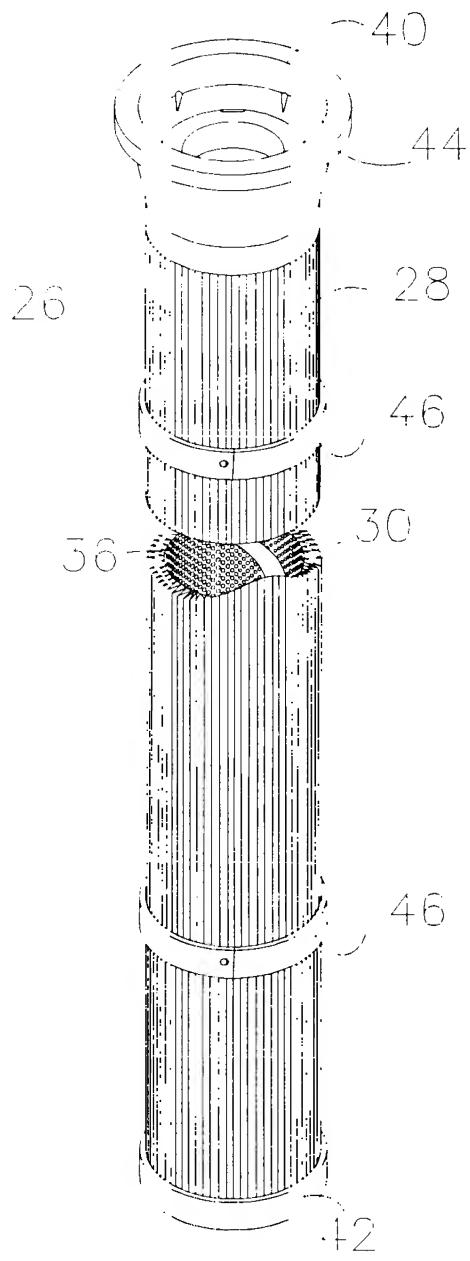


FIG. 2

FIG. 3

30

34

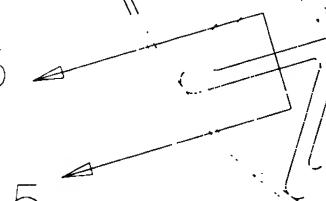
36

52

(58)

+

5



5

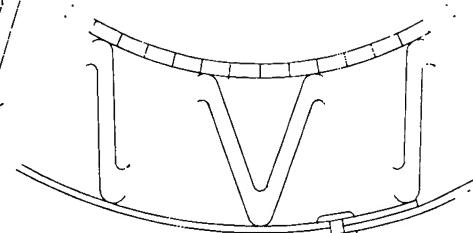


FIG. 4

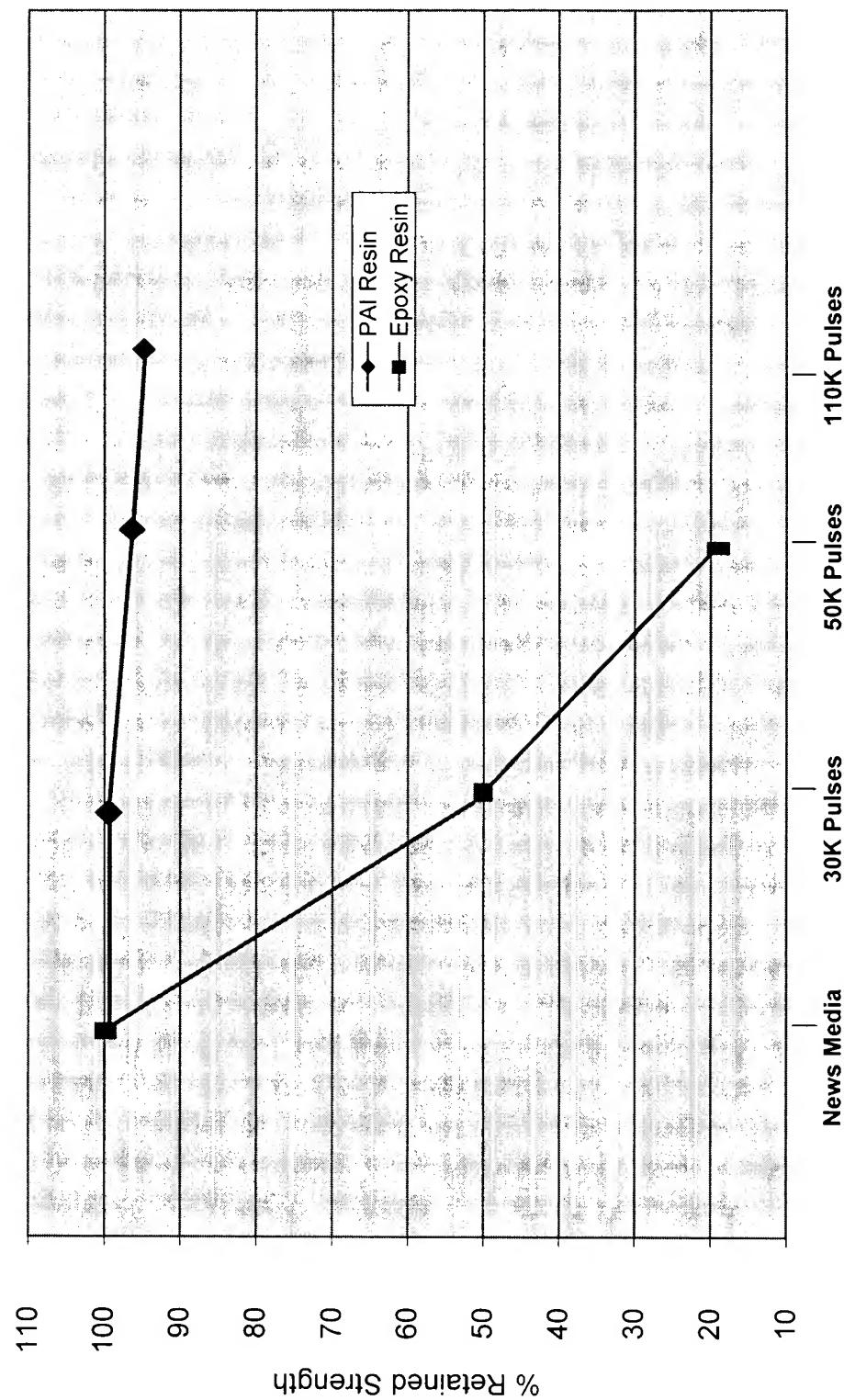


Fig. 5



Fig. 6

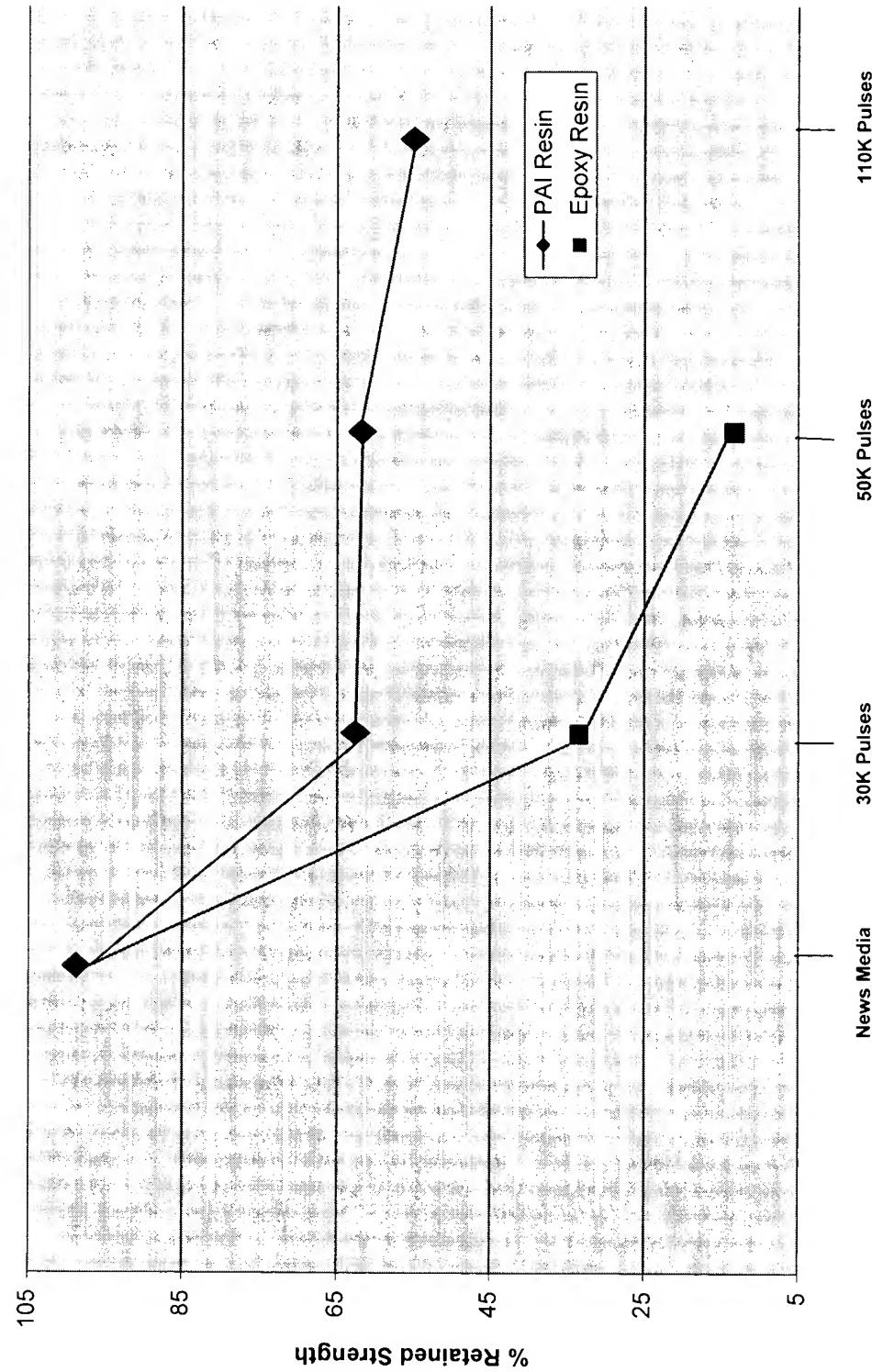
**Combined Average MD and XMD Retained Tensile Strength of PAI Resin Treated Aramid
Versus Epoxy Resin Treatment Aramid**



Note: Epoxy resin treated substrate experienced complete filter failure prior to 110,000 pulses

FIG. 7

Combined Average MD and XMD Retained Tear Strength of PAI Resin Treated Aramid Versus Epoxy Resin Treated Aramid



Number of pulses at 60psi in BEST tester
Note: Epoxy resin substrate experienced complete filter failure prior to 110,000 pulses.

FIG. 8